

Exhibit A



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Product Description

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Cell Biology

ATCC® Number:	CRL-1907™	Order this item	Price:	\$330.00
Designations:	11E10		Depositors:	AD O'Brien
Isotype:	IgG1; kappa light chain			
Biosafety Level:	1		Shipped:	frozen
Medium & Serum:	See Propagation		Growth Properties:	suspension
Organism:	<i>Mus musculus</i> (B cell); <i>Mus musculus</i> (myeloma) (mouse (B cell); mouse (myeloma))		Morphology:	lymphoblast
Source:	Cell type: hybridoma: B lymphocyte			
Cellular Products:	immunoglobulin; monoclonal antibody; against Shiga like toxin II (SLT-II)			
Permits/Forms:	In addition to the MTA mentioned above, other ATCC and/or regulatory permits may be required for the transfer of this ATCC material. Anyone purchasing ATCC material is ultimately responsible for obtaining the permits. Please click here for information regarding the specific requirements for shipment to your location.			
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Comments:	<p>Animals were immunized with a formalinized toxoid prepared from crude SLT-II produced by an E. coli K-12 strain lysogenized with the 933W toxin converting phage of enterohemorrhagic E. coli 933.</p> <p>Spleen cells were fused with Sp2/0-Ag14 myeloma cells.</p> <p>The antibody reacts with the A subunit of SLT-II and does not react with B subunit.</p> <p>The antibody can be used in SLT-II neutralization assays and in assays to detect SLT-II producing E. coli strains. It may also be used to differentiate SLT-II from SLT-I, SLT-IIv and Shiga toxin.</p> <p>The 11E10 antibody differs from that of 11F11 (ATCC CRL-1908) in that it can partially neutralize SLT-IIv.</p>			
Propagation:	ATCC complete growth medium: RPMI 1640 medium, 90%; fetal bovine serum, 10%			
Subculturing:	<p>Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 1×10^5 cells/ml and maintain between 1×10^5 and 1×10^6 cells/ml.</p> <p>Medium renewal: Every 2 to 4 days</p>			
References:	1784: Perera LP, et al. Isolation and characterization of monoclonal antibodies to Shiga-like toxin II of enterohemorrhagic Escherichia coli and use of the monoclonal antibodies in a colony enzyme-linked immunosorbent assay. J. Clin. Microbiol. 26: 2127-2131, 1988. PubMed: 3053764			

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